Application No. (if known): Not Yet Assigned | Attorney Docket No.: 20239/0202029-US0

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Transmittal Letter to the United States Designated-Elected Office (2 pp)
Application Data Sheet (3 pp)
Copy of WO 2004/015756 A1 (19 pp)
Verification of Translation (1 pg) w/Translation of International Application No. PCT/JP2003/009706 (21 pp); Claims (2 pp); Abstract (1 pg)
Drawings (Figs. 1-4; 2 sheets)
First Preliminary Amendment (6 pp)
Executed Declaration and Power of Attorney (4 pp)
Recordation Form Cover Sheet (1 pg) w/Assignment (2 pp)
Information Disclosure Statement (2 pp); PTO/SB/08A (1 pg); ISR with three documents
Check No. 7179 in the amount of $1,040.00
Return Receipt Postcard

10/520385
DT15 Rec'd PCT/PTO 03 JAN 2005

VERIFICATION

The undersigned, of the below address, hereby certifies that he/she well knows both the English and Japanese languages, and that the attached is an accurate English translation of the PCT application filed on July 30, 2003 under No. PCT/JP2003/009706.

The undersigned declares further that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 20th day of December 2004

Signature: Nobuhiro Takahashi

Name: Nobuhiro TAKAHASHI

Address: c/o Itami Works of Sumitomo Electric Industries, Ltd.
1-1, Koyakita 1-chome, Itami-shi, Hyogo, Japan

DT03 Rec'd PCT/PTO 03 JAN 2005

PTO-1390 (Rev. 12-2004)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER	
20239/0202029-US0	
U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	
10/520385	
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE
PCT/JP2003/009706	30 July 2003
PRIORITY DATE CLAIMED	
9 August 2002	

TITLE OF INVENTION: SUBMOUNT AND SEMICONDUCTOR DEVICE

APPLICANT(S) FOR DO/EO/US: Takashi Ishii et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [x] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. [x] This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. [x] The US has been elected (Article 31).
5. [x] A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
   a. [ ] is attached hereto (required only if not communicated by the International Bureau).
   b. [x] has been communicated by the International Bureau.
   c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).
6. [x] An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
   a. [x] is attached hereto.
   b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).
7. [ ] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
   a. [ ] are attached hereto (required only if not communicated by the International Bureau).
   b. [ ] have been communicated by the International Bureau.
   c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.
   d. [ ] have not been made and will not be made.
8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. [x] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. [ ] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98; PTO/SB/08A; ISR with three documents
12. [x] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [x] A preliminary amendment.
14. [x] An Application Data Sheet under 37 CFR 1.76.
15. [ ] A substitute specification.
16. [ ] A power of attorney and/or change of address letter.
17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR 1.821 - 1.825.
18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. [x] Other items or information: Certificate of Express Mailing Under 37 CFR 1.10; Copy of WO 2004/015756 A1; Check in the amount of $1,040.00; Return Receipt Postcard

PTO-1390 (Rev. 12-2004)
Approved for use through 03/31/2007. OMB 0651-0021
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/520385	PCT/JP2003/009706	20239/0202029-US0

21. The following fees are submitted:

[x]	a) Basic national fee $300.00	$ 300.00	
[x]	b) Examination fee $200.00	$ 200.00	
[x]	c) Search fee $500.00	$ 500.00	
	TOTAL OF ABOVE CALCULATIONS = $1000.00	$ 1,000.00	

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is **$250** for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number	RATE
- 100 =	/50 =		x **$250.00**

Surcharge of **$130.00** for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). $

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	10 - 20 =		x	$ 0.00
Independent claims	1 - 3 =		x	$ 0.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	$

TOTAL OF ABOVE CALCULATIONS = $ 1,000.00

[ ] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½. $

SUBTOTAL = $ 1,000.00

Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). + $

TOTAL NATIONAL FEE = $ 1,000.00

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00** per property + $ 40.00

TOTAL FEES ENCLOSED = $ 1,040.00

Amount to be refunded:	**$**
Amount to be charged:	**$**

a. [x] A check in the amount of $ 1,040.00 to cover the above fees is enclosed.

b. [ ] Please charge my Deposit Account No. _____ in the amount of $ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.

d. [ ] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:
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CUSTOMER NUMBER: 07278

SIGNATURE: _____
Chris T. Mizumoto
NAME

42,899
REGISTRATION NUMBER